

# ABSTRACT

The object of the present invention is to provide a method and a process for producing 2-O- $\alpha$ -glucopyranosyl-L-ascorbic acid where 5-O- $\alpha$ -glucopyranosyl-L-ascorbic acid and 6-O- $\alpha$ -glucopyranosyl-L-ascorbic acid are not formed or formed in such a small amount that the formation of these can not be detected. The present invention solves the above object by providing a process for producing 2-O- $\alpha$ -glucopyranosyl-L-ascorbic acid comprising the steps of allowing  $\alpha$ -isomaltosyl glucosaccharide-forming enzyme together with or without cyclomaltodextrin glucanotransferase (EC 2.4.1.19) to act on a solution comprising L-ascorbic acid and an  $\alpha$ -glucosyl saccharide to form 2-O- $\alpha$ -glucopyranosyl-L-ascorbic acid and collecting the formed 2-O- $\alpha$ -glucopyranosyl-L-ascorbic acid.